

Rabbit ARFGAP1 Polyclonal Antibody | anti-ARFGAP1 antibody

ARFGAP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324426	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

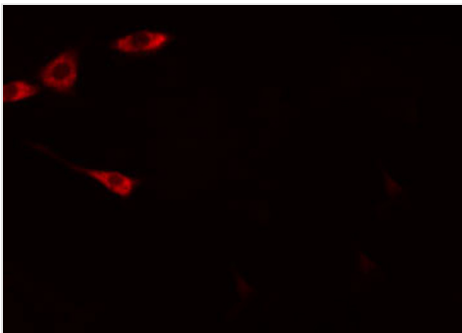
PRODUCT SYNONYMS

ARFGAP1; Polyclonal Antibody; ARFGAP1 Antibody; ADP ribosylation factor 1 GTPase activating protein; ADP ribosylation factor GTPase activating protein 1; ADP-ribosylation factor 1 GTPase-activating protein; ADP-ribosylation factor GTPase-activating protein 1; ARF GAP 1; ARF1 directed GTPase activating protein; ARF1 GAP; ARF1-directed GTPase-activating protein; ARF1GAP; ARFG1_HUMAN; Arfgap1; GAP protein; HRIHFB2281; anti-ARFGAP1 antibody

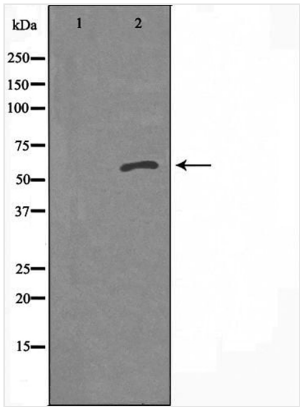
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ARFGAP1 antibody detects endogenous levels of total ARFGAP1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	403
Applicable Applications for anti-ARFGAP1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm. Golgi Apparatus. Associates with the golgi complex.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA324426 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells using ARFGAP1 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ARFGAP1 antibody	Function: GTPase-activating protein (GAP) for the ADP ribosylation factor 1 (ARF1). Involved in membrane trafficking and/or vesicle transport. Promotes hydrolysis of the ARF1-bound GTP and thus, is required for the dissociation of coat proteins from Golgi-derived membranes and vesicles, a prerequisite for vesicle's fusion with target compartment. Probably regulates ARF1-mediated transport via its interaction with the KDELR proteins and TMED2. Overexpression induces the redistribution of the entire Golgi complex to the endoplasmic reticulum, as when ARF1 is deactivated. Its activity is stimulated by phosphoinositides and inhibited by phosphatidylcholine (By similarity). Subunit Structure: Interacts with ARF1. Interacts with the COPI coat proteins, KDELR1 and TMED2. The interaction with TMED2 inhibits the GAP activity (By similarity). Similarity: The region downstream of Arf-GAP domain is essential to GAP activity in vivo. This region may be required for its targeting to Golgi membranes (By similarity).
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	527498254
NCBI GeneID	55738
NCBI Accession #	NP_001268411.1
NCBI GenBank Nucleotide #	NM_001281482.1
UniProt Accession #	Q8N6T3; Q6PK71; Q96KC4; Q96T02; Q9NSU3; Q9NVF6; Q9UILO; B7Z3U0; B7Z8H8; B7ZBI3; E1P5I9; E7EV62
Molecular Weight	Observed: 60; 48 kD Predicted: 45 kDa
NCBI Official Full Name	ADP-ribosylation factor GTPase-activating protein 1 isoform c
NCBI Official Synonym Full Names	ADP ribosylation factor GTPase activating protein 1
NCBI Official Symbol	ARFGAP1
NCBI Official Synonym Symbols	ARF1GAP; HRIHFB2281
NCBI Protein Information	ADP-ribosylation factor GTPase-activating protein 1
UniProt Protein Name	ADP-ribosylation factor GTPase-activating protein 1
UniProt Gene Name	ARFGAP1
UniProt Synonym Gene Names	ARF1GAP; ARF GAP 1; ARF1 GAP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/arfgap1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324426>